

Engagement SummaryHennepin Avenue Redesign Project

February 14, 2017



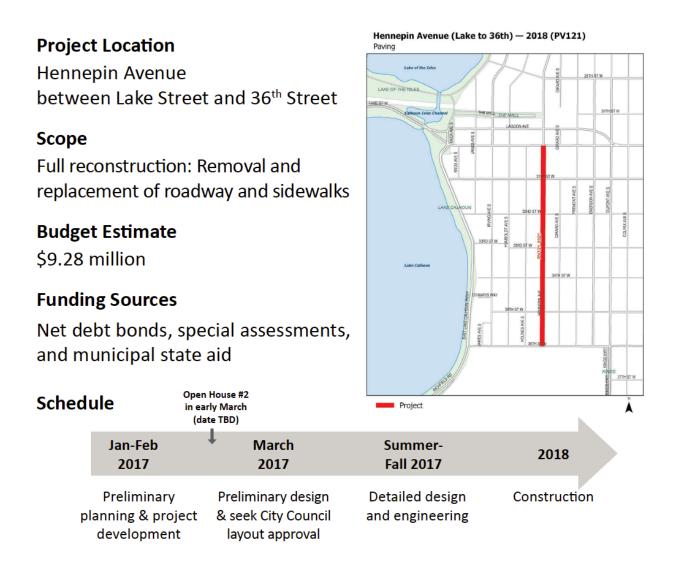


Table of Contents

ction	Page
Introduction	1
What we did	2
What we heard	5
Items for further exploration	15
Appendix	16
	Introduction What we did What we heard Items for further exploration

1. Introduction

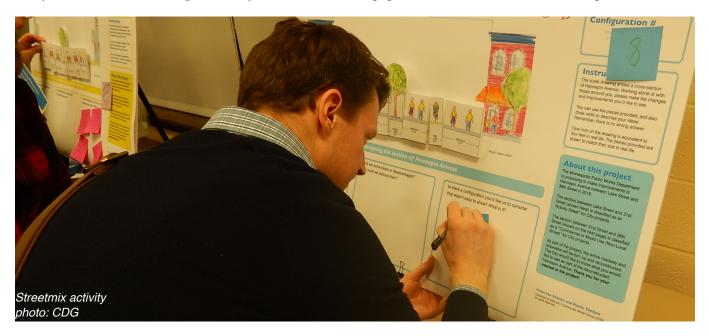
The Minneapolis Public Works Department is proposing to make improvements to Hennepin Avenue between Lake Street and 36th Street in 2018. On Wednesday, January 25, initial community engagement for the project kicked-off with an Open House at Bryant Square Park in the CARAG neighborhood. An online survey was also published for interested residents who may not have been able to attend the in-person event. The online survey was distributed through social media, community partners, and the Public Works website. The purpose of these engagement opportunities was to inform the public about the project scope and schedule, seek ideas on the future of the corridor, and let the public know how to stay engaged with the project.



Project information from poster materials shared at the Open House Source: Minneapolis Public Works

2. What we did

There were two components to this engagement effort. The first component was planning and implementation of a community engagement event at Bryant Square Park. The second component was development of an online survey for interested residents who may not have been able to attend the in-person event. The online survey was distributed through a variety of channels and a paper version was available at the Open House.



2.1 - Tools

Streetmix engagement activity

An activity offering scaled cutouts of street elements of various dimensions allowed participants at the Open House to design their own cross-sections for Hennepin Avenue. Participants could choose sidewalk widths, bike lanes, trees wells, parking lanes, and driving lanes. Together, the components had to fit within the currently existing 66-foot right-of-way space.

Roll plot basemaps

Two 60" by 36" orthographic aerial roll plots were printed and used at the Bryant Square Park Open House. The plots showed Hennepin Avenue from the Lakeview Cemetery at 36th St northwards to Lagoon Avenue. Prompting questions along the edges of the plots encouraged participants to engage with the aerials, indicating problems, providing suggestions, and engaging with the current built environment along the project's extent.

Survey

A survey was developed for two purposes: to educate the public about current conditions and potential changes along Hennepin Avenue from Lake St to 36^{th} St, and to solicit feedback regarding design possibilities and other potential physical improvements to the right-of-way. The survey was published online and a paper version was made available for Open House participants. The survey went live at noon on 1/25/17. The survey closed at midnight on 02/08/17.

2.2 Who We Reached

Open House Attendance

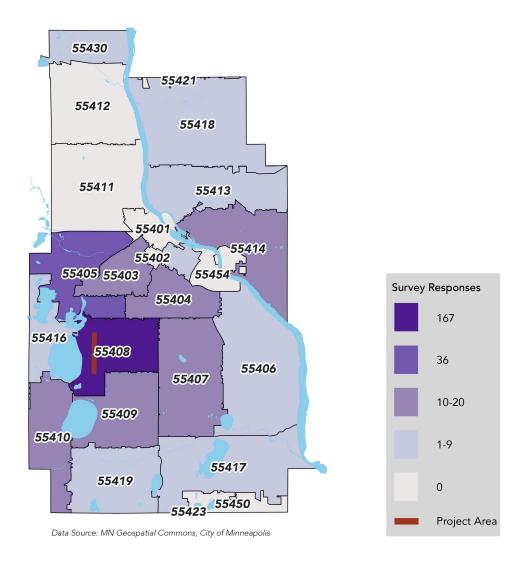
Seventy one (71) individuals signed-in at the Open House held at Bryant Square Park. This number likely does not reflect actual attendance; commonly around a third of Open House attendees do not sign in.

Survey Count

Four hundred and eighteen (418) participants accessed the survey between January 25th and February 8th, 2017. Of these, 313 surveys were completed and 105 were partially filled out. This includes paper surveys, which were uploaded into the online survey structure for processing.

The map below shows a breakdown of survey responses by zip code. A majority (around two-thirds) of survey responses came from the 55408 zip code. The project study area is located in the 55408 zip code.

Survey Response Rate by Zip Code



Survey Demographics

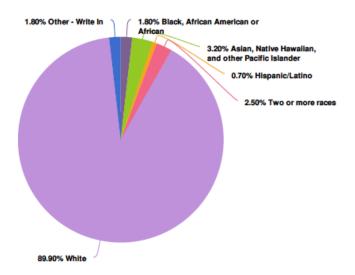
Survey respondents were asked a few optional demographics questions, including age and race/ethnicity. While not all respondents answered these questions, most did, and the charts below provide a snapshot of who participated.

Age breakdown

Value	Percent	Responses
Under 19	0.3%	1
20 to 24	5.3%	16
25 to 34	40.7%	122
35 to 49	26.3%	79
50 to 64	19.3%	58
65+	8.0%	24

Total: 300

Race/Ethnicity breakdown



3. What we heard



This section explores the major themes from the engagement efforts. It also provides specific breakdown of online feedback for the proposed potential street configurations. Complete survey feedback is provided in the appendix.

3.1 - Major Themes

Major themes we heard include:

- Increased safety for pedestrians and for other modes of travel
 - A majority of comments collected included prominent concerns about the safety of pedestrians along the corridor.
- Wider, more pleasant sidewalks are generally supported
 - Generally, people agreed that walking along Hennepin was currently an unpleasant experience and could be improved with beautification and sidewalk widening measures.
- Bike lanes are desired along the entire project extent
 - Both the survey results and the engagement event showed a majority of bike-related responses being supportive of the addition of bike lanes.
- Parking is a common concern
 - Considering comments from all sources, a significant minority (around a third) of responses voiced concerns about bike lanes, citing the potential loss of parking options along Hennepin and safety concerns.

3.2 - Results from Roll Plot Basemaps

Comments from the basemaps at the Open House were processed and categorized into general themes. The table below provides a breakdown by theme.

Table I

Comment Type	Count	Percent
Pedestrian Safety*	42	39%
Add Bike Lanes	13	12%
No Bike Lane on Hennepin	7	7%
Expand Sidewalks	2	2%
Keep or add parking	7	7%
Reduce Parking	4	4%
Add lighting	4	4%
Transit Improvements	5	5%
Beautification	6	6%
Misc. comments	17	16%
Total	107	100%

^{*}A portion of these (27 of the 42 comments), pertained specifically to the question "Where is it difficult to cross Hennepin?" A breakdown of responses to that specific question is provided in Table 2 below

Table 2

Where is it difficult to cross Hennepin?			
Cross Street Count Percent			
Lake	6	21%	
31st	8	28%	
32nd	4	14%	
33rd	3	10%	
34th	2	7%	
35th	3	10%	
36th	3	10%	
Total	27	100%	

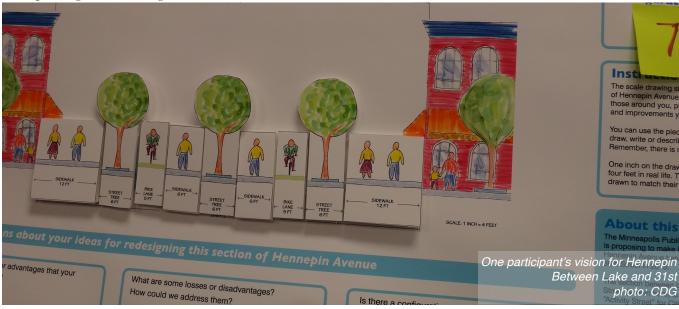
3.3 - Results from Streetmix Activity

Tables 3 and 4 show the breakdown of Street Mix (cross-section) designs created at the engagement event. Street Mix activity results were aligned as closely as possible with the cross-section options provided in the survey. Street Mix alignments that deviate substantially from the survey options were also categorized and are included in the tables.

Table 3

"Activity Street" (Lake St to 31st St)			
Street Configuration	Count	Percent	
1A (No parking lanes)	1	5%	
1B (Bike lanes only)	2	10%	
1C (One sided parking)	0	0%	
1D (Two sided parking)	1	5%	
1E (One sided parking, bike lanes)	4	19%	
Pedestrian and Bicycle Only	7	33%	
Walk-Bike-Tree-Car Lane-Car Lane- Tree-Bike-Walk	2	10%	
Other (Not able to group)	4	19%	
Total	21	100%	

As table 3 shows, a third of those who participated in the streetmix activity for the "Activity Street" Section of Hennepin envisioned the street as a pedestrian and bicycle only zone. Another popular configuration preserved some parking while adding at least one bike lane.



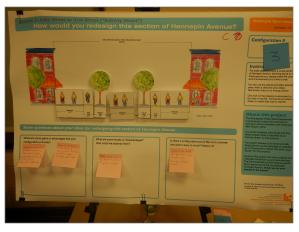
Community Engagement

Table 4 shows Streetmix engagement results for the portion of Hennepin from 31st to 36th St. There were fewer participants for this section of the street than for the "Activity Street" section. The responses varied, but over half of the Streetmix designs featured bike lanes.

Table 4

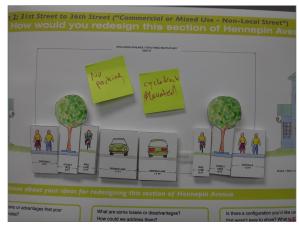
"Commercial or Mixed Use Street" (31st St to 36th St)			
Street Configuration	Count	Percent	
2A (Bike lanes only)	2	12%	
2B (One sided parking)	1	6%	
2C (Two sided parking)	3	18%	
2D (One sided parking, bike lanes)	5	41%	
Other	4	24%	
Total	17	100%	

Photos on the right show examples of Streetmix designs from the engagement open house.

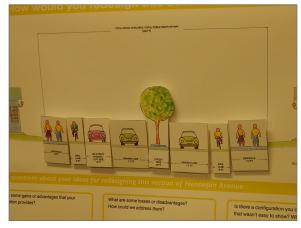


Streetmix design for Hennepin Avenue between

Lake St and 31st



This design closely mirrors alternative 2A cross section design for Hennepin from 31st to 36th



Some participants got creative with their Streetmix designs

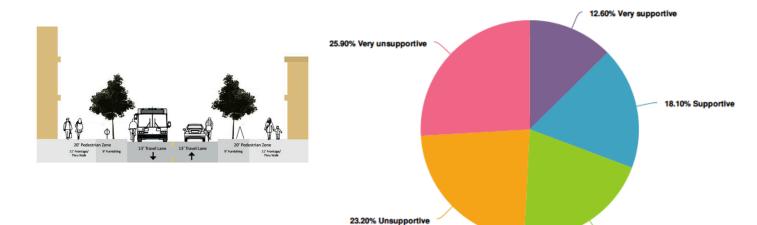
3.4 - Results from Survey Street Configuration Vote

Cross-section configuration options for a redesigned Hennepin Avenue were provided for the community to vote on in the online and paper form survey. There were 9 total cross-section options. There were 5 options for Hennepin between Lake St and 31st St (called the "Activity Street" section), and 4 options for the section of Hennepin Avenue from 31st St to 36th St (called "Commercial or Mixed Use").

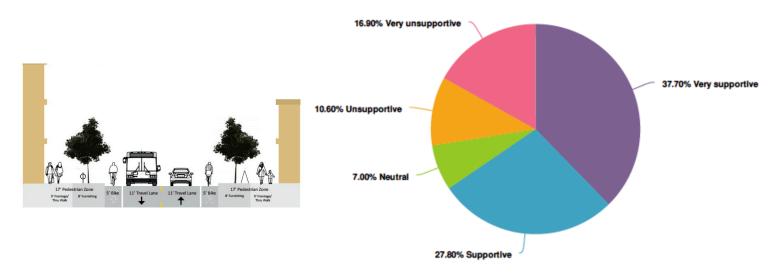
Segment 1: Lake Street to 31st Street (Activity Street)

The most popular option for the Activity Street section of Hennepin was option 1B, with 34% stating they are "very supportive" of this option, and 25% saying they were "supportive." The second-most popular Activity Street option was 1E, with 16% stating they were "very supportive" and 27% stating they were "supportive."

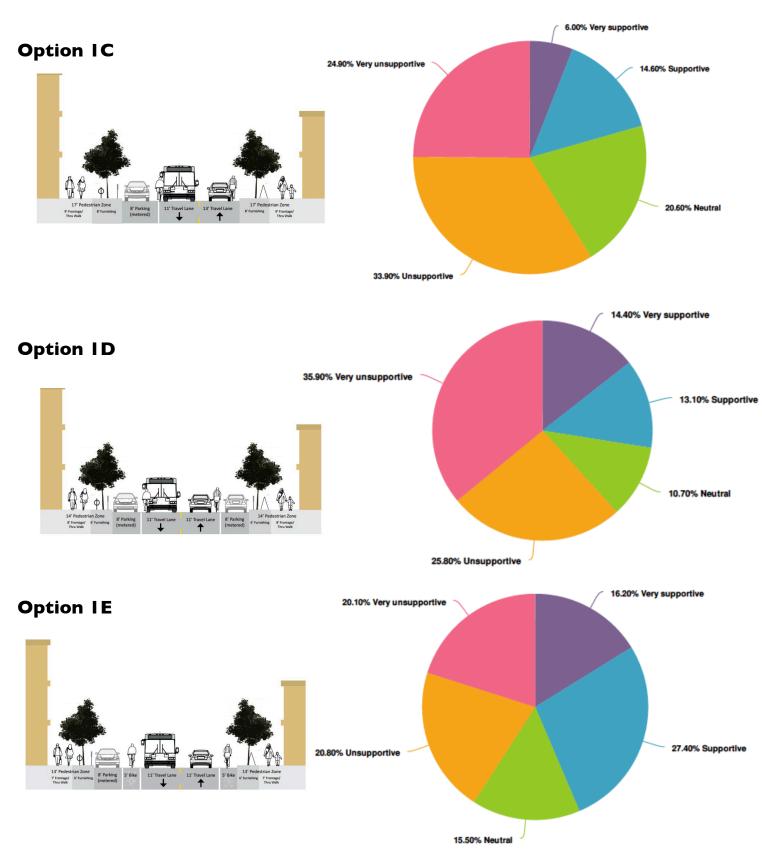
Option IA



Option IB

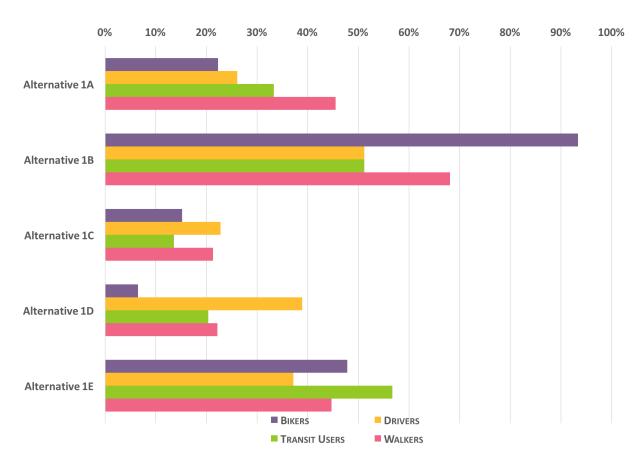


20.10% Neutral



The chart below shows supportive votes for each Activity Street cross section, broken down by respondent mode of transportation. For example, those who mainly walk were most supportive of alternative 1B. These numbers do not add up to 100% because votes for each alternative were independent of each other.

Which Activity Street Cross Section Received the Most Support?* Broken Down by Respondent Primary Mode of Transportation

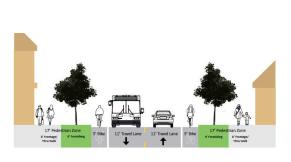


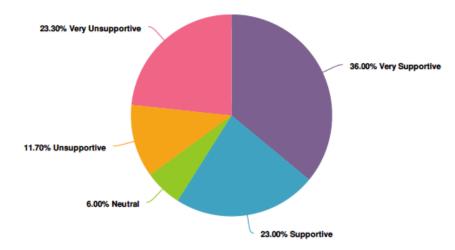
^{*}Support here means respondents who selected "Very Supportive" or "Supportive" for each cross section

Segment 2: 31st Street to 36th Street (Commercial or Mixed-use)

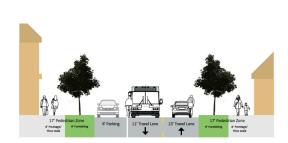
There were two popular cross sections for the "Commercial or Mixed Use" section of the street. For option 2A, 35.6% of respondents selected "very supportive" and 21% selected "supportive." Option 2D had 20% selecting "very supportive" and 31% selecting "supportive."

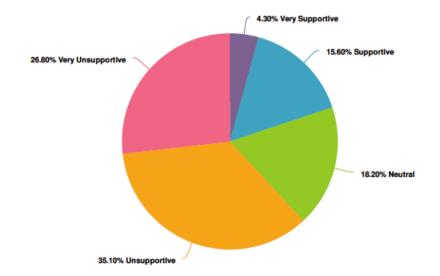
Option 2A



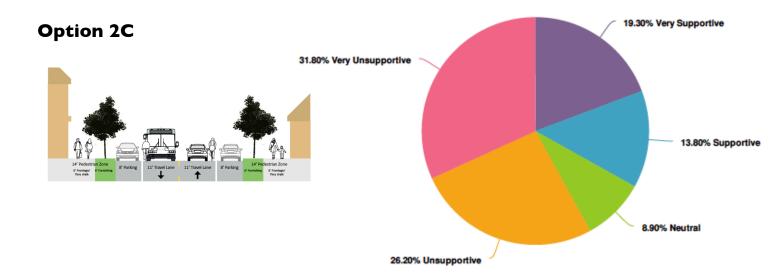


Option 2B

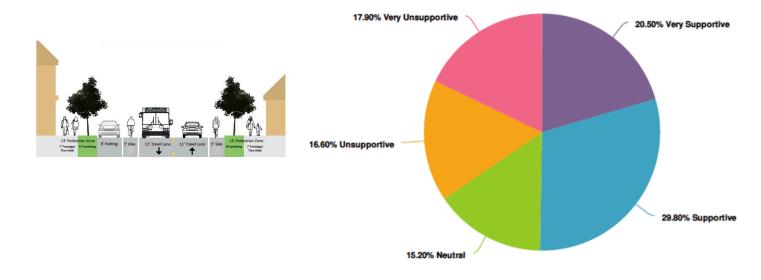




What we heard

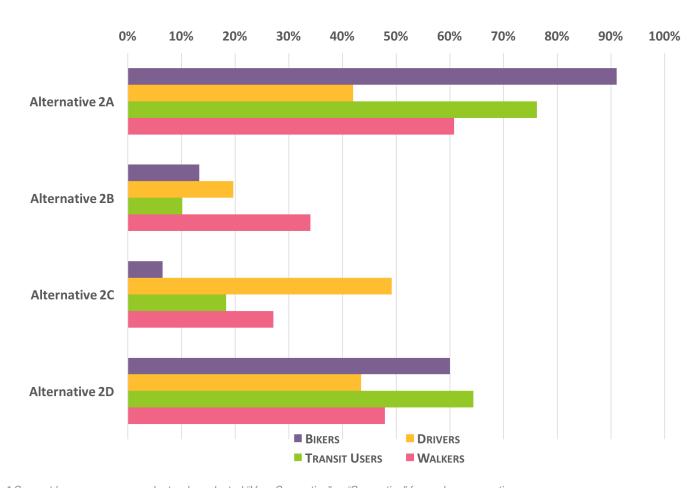


Option 2D



The chart below shows supportive votes for each Commercial or Mixed Use cross section, broken down by respondent mode of transportation. Alternative 2A shows heavy support from respondents who said their primary mode of transportation was biking. For those who said they usually drive, the most popular cross section was 2C, followed closely by 2A and 2D.

Which Commercial or Mixed Use Cross Section had the most Support?* Broken Down by Respondent Primary Mode of Transportation



^{*} Support here means respondents who selected "Very Supportive" or "Supportive" for each cross section

4. Items for further exploration

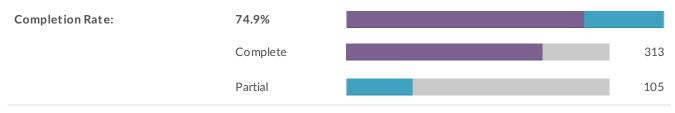


There were some ideas and recommendations that did not fit into any of the survey categories but that nevertheless seem to warrant potential further exploration:

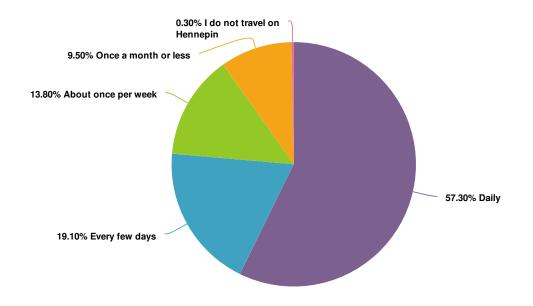
- Pedestrian-only/Woonerf/curb-less street between Lake Street and 31st Street
 - A handful of Streetmix, basemap, and online survey participants suggested the creation of a curb-less street between Lake and 31st. One person wrote that a curb-less street would provide "flexible use, easy to close for events." Others suggested it be a pedestrian-only mall.
- Mid-block crossing between Lake Street and 31st Street
 - Participants in the basemap activity suggested a mid-block crosswalk on Hennepin between Lake and 31st. People suggested that many pedestrians already cross mid-block often, either to get to parked cars or to go to other businesses. Many said it currently feels to do so.
- Creative crosswalks
 - There was a comment suggesting colorful crosswalks along Hennepin, used as both a beautification and safety measure.
- Bumpouts
 - Bumpouts or bulbouts were suggested at nearly every corner along the study corridor.
- Dedicated transit lanes
 - There were some questions both online and from the in-person engagement about allowing for dedicated transit lanes along Hennepin.
- Free Ramp Parking to reduce on-street parking pressure
 - One individual wrote that having a free ramp would lead to fewer people parking on the street, reducing parking demand.

Report for Hennepin Avenue Redesign Engagement Survey

Response Counts



1. How often do you travel along or across Hennepin?

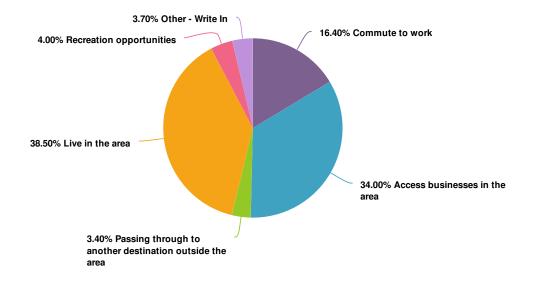


Value	Percent	Responses
Daily	57.3%	216
Every few days	19.1%	72
About once per week	13.8%	52
Once a month or less	9.5%	36
I do not travel on Hennepin	0.3%	1

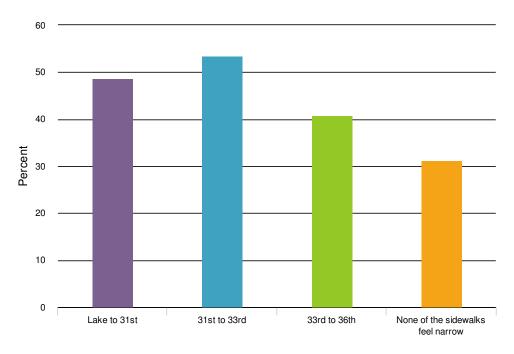
2. Please rank the ways you travel along or across Hennepin, where 1 is your most frequent mode of travel, and 4 is your least frequent mode of travel.

Item	Overall Rank	Rank Distribution	Score	No. of Rankings
Drive	1		1,022	354
Walk	2		1,000	337
Transit	3		686	313
Bike	4		680	309
		Lowest Rank Highest Rank		

3. What is the main reason for your travel on Hennepin Avenue?

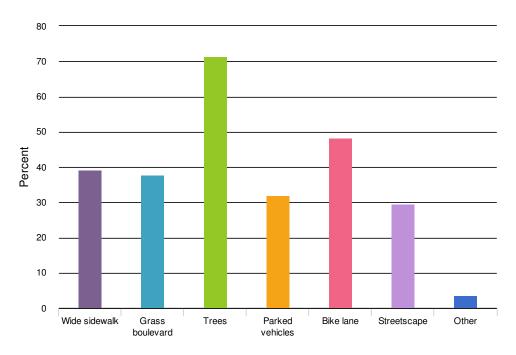


4. Which sidewalks along Hennepin feel narrow?



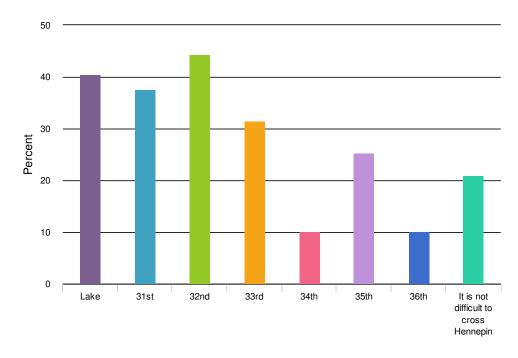
Value	Percent	Responses
Lake to 31st	48.7%	163
31st to 33rd	53.4%	179
33rd to 36th	40.9%	137
None of the sidewalks feel narrow	31.3%	105

5. Which types of seperation do you prefer between the sidewalk and moving traffic? Please select your top 3 choices:



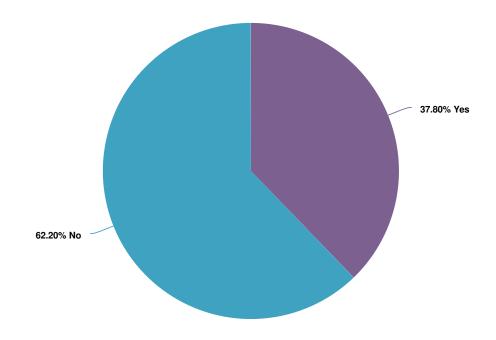
Value	Percent	Responses
Wide sidewalk	39.2%	135
Grass boulevard	37.8%	130
Trees	71.5%	246
Parked vehicles	32.0%	110
Bike lane	48.3%	166
Streetscape	29.7%	102
Other	3.5%	12

6. Where is it difficult to cross Hennepin when walking? Please select your top 3 choices



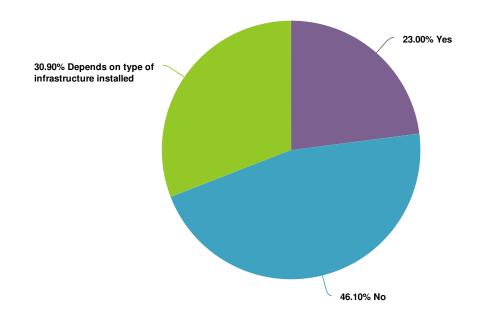
Value	Percent	Responses
Lake	40.5%	137
31st	37.6%	127
32nd	44.4%	150
33rd	31.4%	106
34th	10.1%	34
35th	25.4%	86
36th	10.1%	34
It is not difficult to cross Hennepin	21.0%	71

7. Do you currently ride your bike on Hennepin?



Value	Percent	Responses
Yes	37.8%	126
No	62.2%	207

8. If there was additional bicycle infrastructure installed would you ride along Hennepin?



Value	Percent	Responses
Yes	23.0%	47
No	46.1%	94
Depends on type of infrastructure installed	30.9%	63

10. What are the top three destinations you access by bike along or near Hennepin? (please list; leave blank if you don't access Hennepin Avenue destinations by bike)

Destination 1



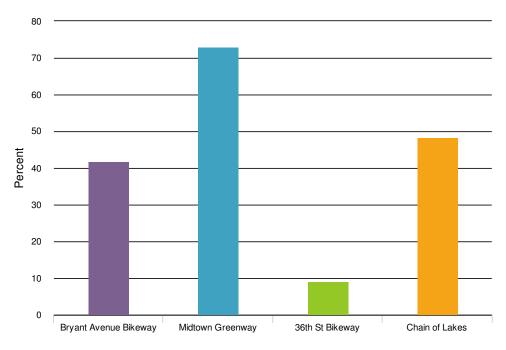
Destination 2



Destination 3

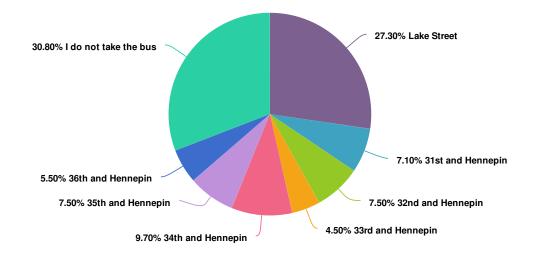


11. Which nearby bikeways do you use most?



Value	Percent	Responses
Bryant Avenue Bikeway	41.9%	116
Midtown Greenway	72.9%	202
36th St Bikeway	9.0%	25
Chain of Lakes	48.4%	134

12. Which bus stop do you most use?

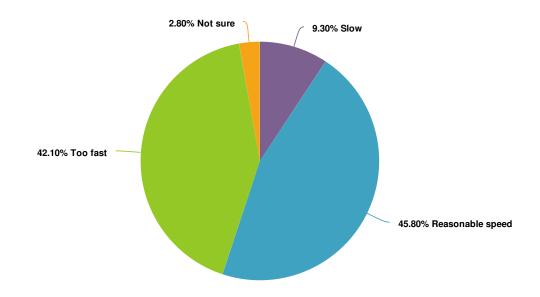


Value	Percent	Responses
Lake Street	27.3%	84
31st and Hennepin	7.1%	22
32nd and Hennepin	7.5%	23
33rd and Hennepin	4.5%	14
34th and Hennepin	9.7%	30
35th and Hennepin	7.5%	23
36th and Hennepin	5.5%	17
I do not take the bus	30.8%	95

13. Is your bus stop's infrastructure adequate? (Shelter, seating, signage, space, etc.)

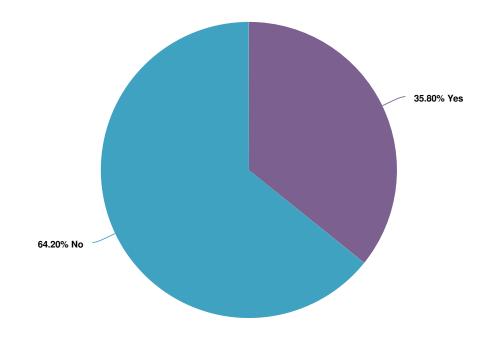


14. How would you characterize motor vehicle speed on Hennepin Avenue?



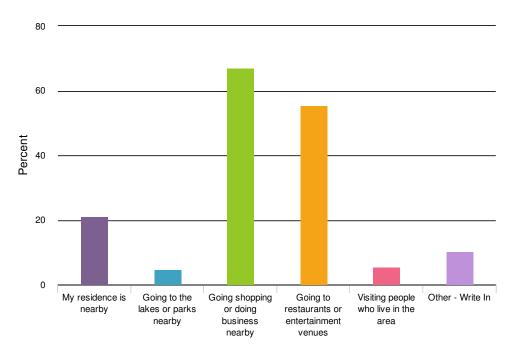
Value	Percent	Responses
Slow	9.3%	30
Reasonable speed	45.8%	148
Too fast	42.1%	136
Not sure	2.8%	9

15. Do you currently park your vehicle on Hennepin Avenue?



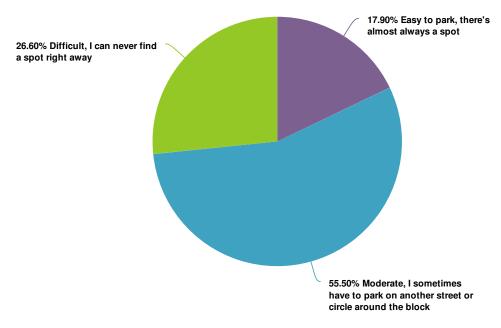
Value	Percent	Responses
Yes	35.8%	116
No	64.2%	208

17. When parking on Hennepin Avenue, what is the purpose of your visit? Please select your top 2 reasons



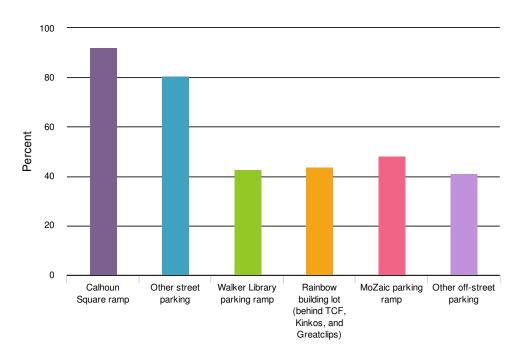
Value	Percent	Responses
My residence is nearby	21.1%	54
Going to the lakes or parks nearby	4.7%	12
Going shopping or doing business nearby	67.2%	172
Going to restaurants or entertainment venues	55.5%	142
Visiting people who live in the area	5.5%	14
Other - Write In	10.2%	26

18. Please indicate how difficult you feel it is to park along Hennepin.

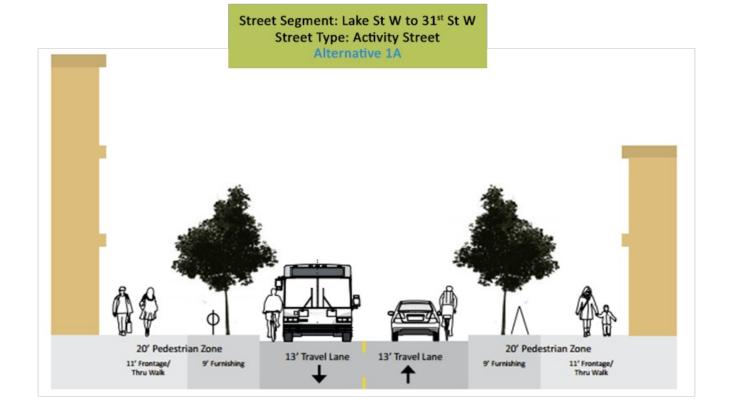


Value	Percent	Responses
Easy to park, there's almost always a spot	17.9%	49
Moderate, I sometimes have to park on another street or circle around the block	55.5%	152
Difficult, I can never find a spot right away	26.6%	73

19. Are you aware of other nearby parking options? (Please select all options you are aware of)



Value	Percent	Responses
Calhoun Square ramp	92.1%	269
Other street parking	80.8%	236
Walker Library parking ramp	42.8%	125
Rainbow building lot (behind TCF, Kinkos, and Greatclips)	43.8%	128
MoZaic parking ramp	48.3%	141
Other off-street parking	41.1%	120

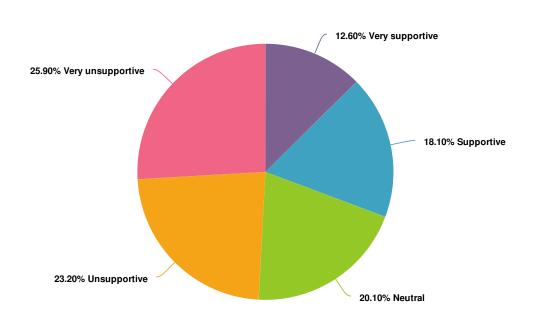


Bikeway

Bicycle Master Plan recommends bike lanes when the street is reconstructed. No proposed bikeway

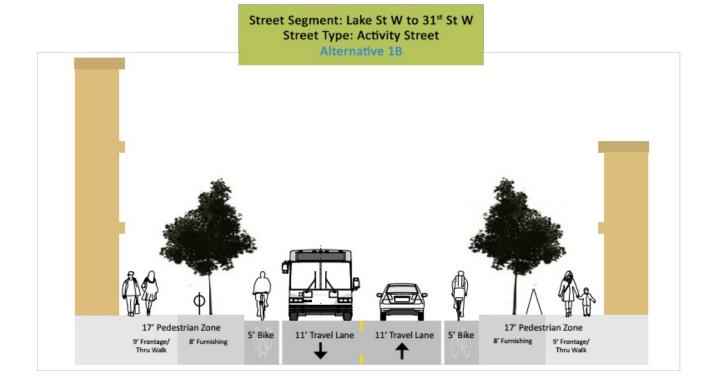
On-Street Parking None





Value	Percent	Responses
Very supportive	12.6%	37
Supportive	18.1%	53
Neutral	20.1%	59
Unsupportive	23.2%	68
Very unsupportive	25.9%	76

Total: 293

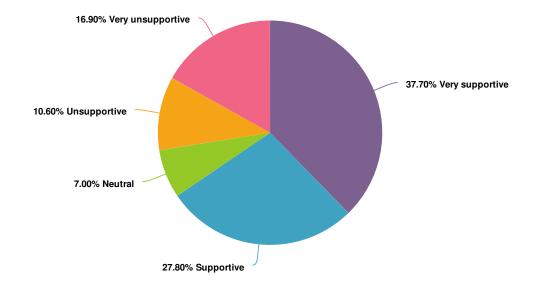


Bicycle Master Plan recommends bike lanes when the street is reconstructed. Two 5' bike lanes are proposed

On-Street Parking

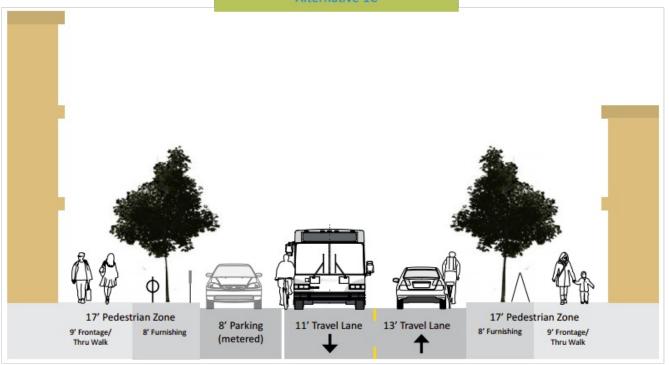
None





Value	Percent	Responses
Very supportive	37.7%	114
Supportive	27.8%	84
Neutral	7.0%	21
Unsupportive	10.6%	32
Very unsupportive	16.9%	51

Street Segment: Lake St W to 31st St W
Street Type: Activity Street
Alternative 1C



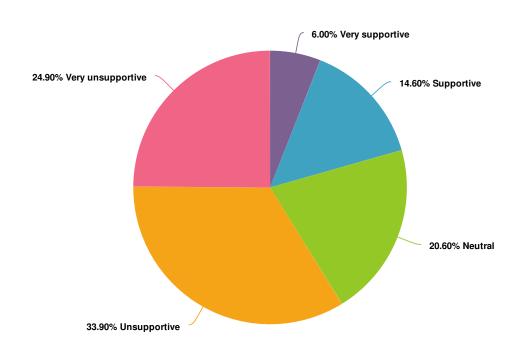
Bikeway

Bicycle Master Plan recommends bike lanes when the street is reconstructed No proposed bikeway

On-Street Parking

On-Street metered parking is proposed on one side of the street

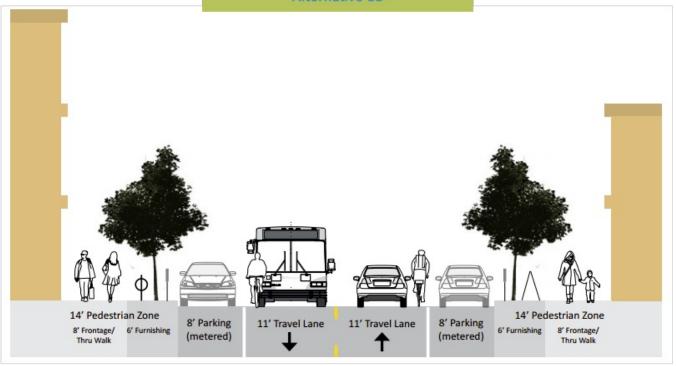




Value	Percent	Responses
Very supportive	6.0%	18
Supportive	14.6%	44
Neutral	20.6%	62
Unsupportive	33.9%	102
Very unsupportive	24.9%	75

Total: 301

Street Segment: Lake St W to 31st St W
Street Type: Activity Street
Alternative 1D



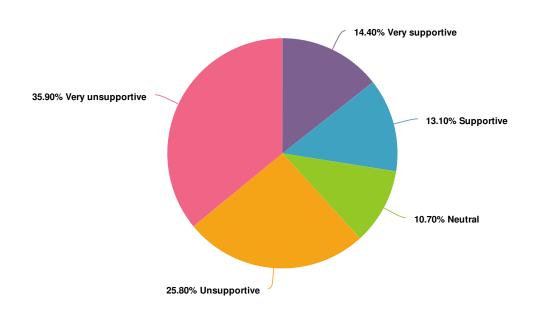
Bikeway

Bicycle Master Plan recommends bike lanes when the street is reconstructed No proposed bikeway

On-Street Parking

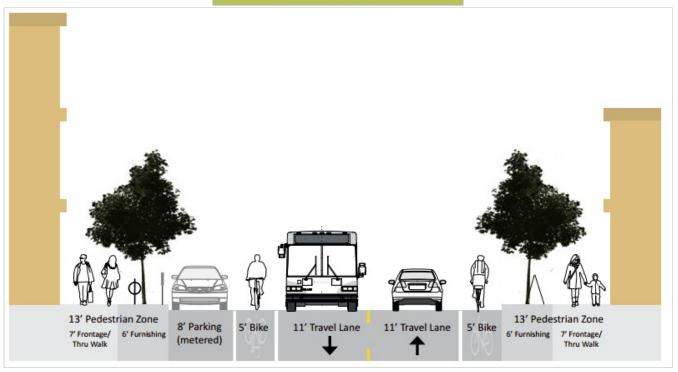
On-Street metered parking is proposed on both sides of street





Value	Percent	Responses
Very supportive	14.4%	43
Supportive	13.1%	39
Neutral	10.7%	32
Unsupportive	25.8%	77
Very unsupportive	35.9%	107

Street Segment: Lake St W to 31st St W
Street Type: Activity Street
Alternative 1E



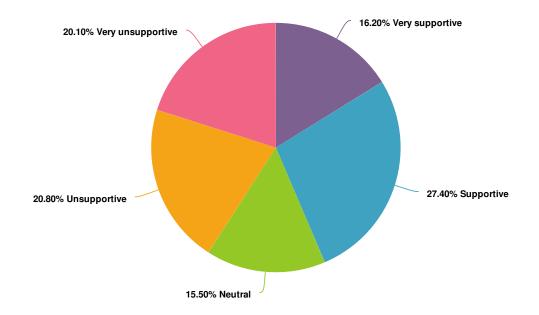
Bikeway

Bicycle Master Plan recommends bike lanes when the street is reconstructed Two 5' bike lanes are proposed

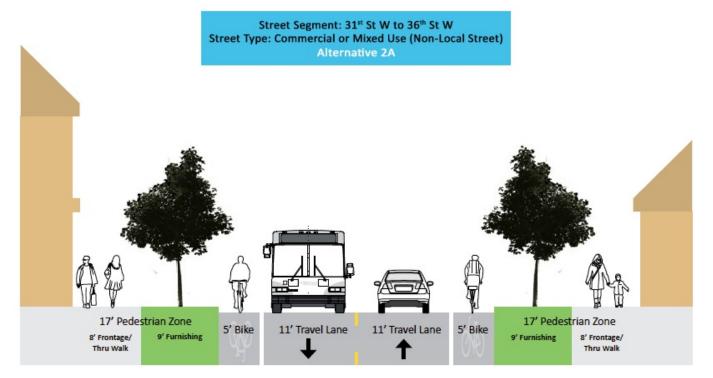
On-Street Parking

On-Street metered parking is proposed on one side of the street





Value	Percent	Responses
Very supportive	16.2%	49
Supportive	27.4%	83
Neutral	15.5%	47
Unsupportive	20.8%	63
Very unsupportive	20.1%	61

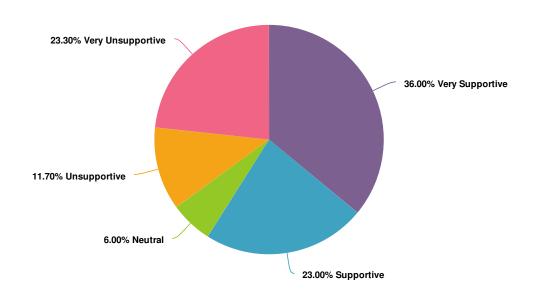


Bicycle Master Plan recommends bike lanes when the street is reconstructed Two 5' bike lanes are proposed

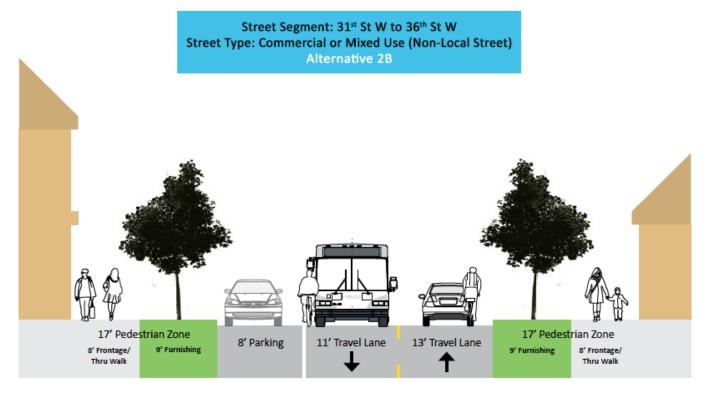
On-Street Parking

None





Value	Percent	Responses
Very Supportive	36.0%	108
Supportive	23.0%	69
Neutral	6.0%	18
Unsupportive	11.7%	35
Very Unsupportive	23.3%	70

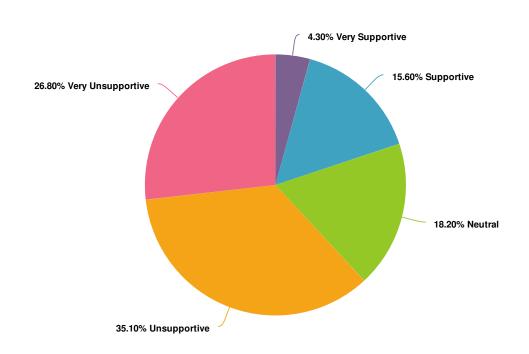


Bicycle Master Plan recommends bike lanes when the street is reconstructed None

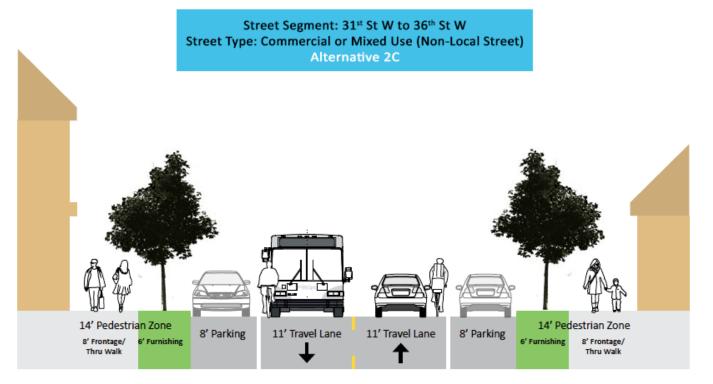
On-Street Parking

On-Street parking is proposed on one side of the street





Value	Percent	Responses
Very Supportive	4.3%	13
Supportive	15.6%	47
Neutral	18.2%	55
Unsupportive	35.1%	106
Very Unsupportive	26.8%	81

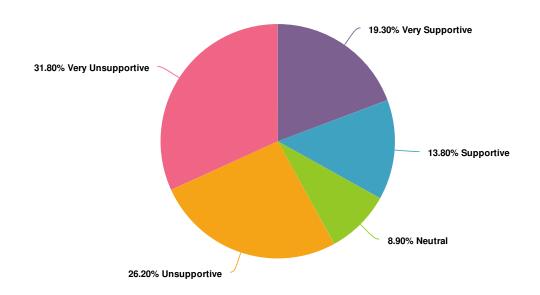


Bicycle Master Plan recommends bike lanes when the street is reconstructed None

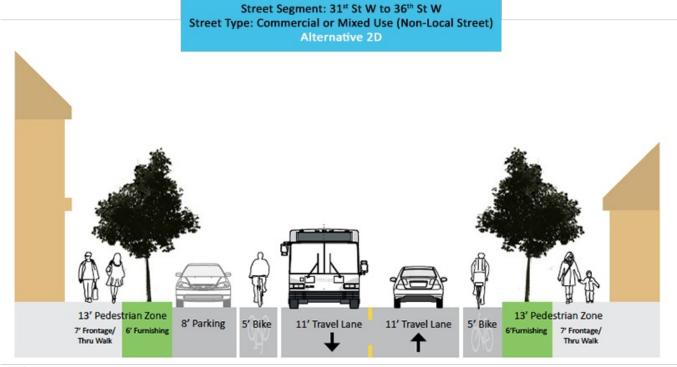
On-Street Parking

On-Street parking is proposed on both sides of street





Value	Percent	Responses
Very Supportive	19.3%	59
Supportive	13.8%	42
Neutral	8.9%	27
Unsupportive	26.2%	80
Very Unsupportive	31.8%	97

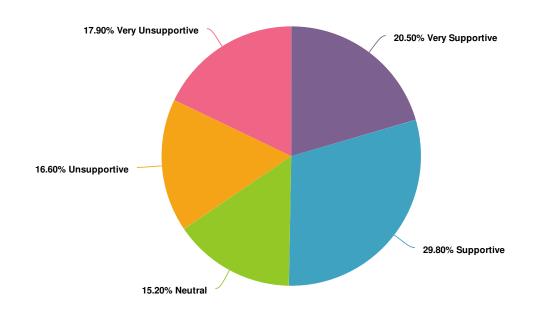


Bicycle Master Plan recommends bike lanes when the street is reconstructed Two 5' bike lanes are proposed

On-Street Parking

On-Street parking is proposed on one side of the street



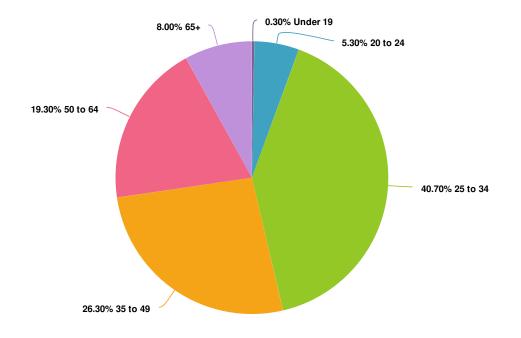


Value	Percent	Responses
Very Supportive	20.5%	62
Supportive	29.8%	90
Neutral	15.2%	46
Unsupportive	16.6%	50
Very Unsupportive	17.9%	54

29. Is there anything else you feel should be considered in the redesign of Hennepin Avenue?



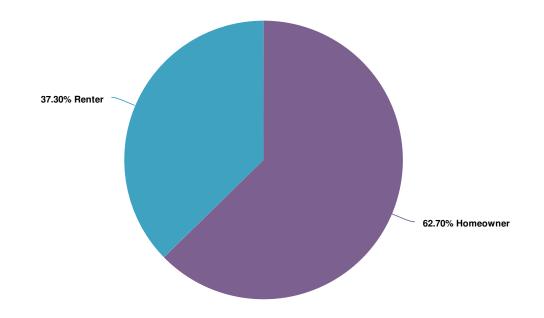
30. How old are you?



Value	Percent	Responses
Under 19	0.3%	1
20 to 24	5.3%	16
25 to 34	40.7%	122
35 to 49	26.3%	79
50 to 64	19.3%	58
65+	8.0%	24

Total: 300

31. Are you a homeowner or renter?

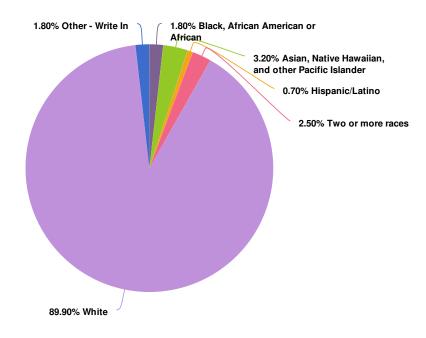


Value	Percent	Responses
Homeowner	62.7%	188
Renter	37.3%	112

32. Please enter your zip code



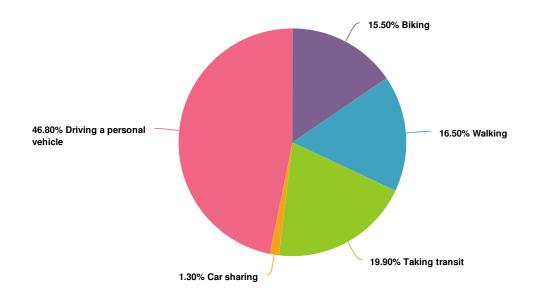
33. What is your Race/Ethnicity?



Value	Perce	nt Responses
Black, African American or African	1.8	3% 5
Asian, Native Hawaiian, and other Pacific Islander	3.2	2% 9
Hispanic/Latino	0.3	7% 2
Two or more races	2.5	5% 7
White	89.	9% 250
Other - Write In	1.8	3% 5

Total: 278

34. What is your primary mode of transportation?



Value	Percent	Responses
Biking	15.5%	46
Walking	16.5%	49
Taking transit	19.9%	59
Car sharing	1.3%	4
Driving a personal vehicle	46.8%	139

Total: 297